#### BEFORE SUBMITTING YOUR BID

- 1. Use pen and ink to complete the Bid.
- 2. Have you signed and completed the Contract Agreement, Offer & Award Forms?
- 3. As a minimum, the Bidder will submit a Bid Package consisting of the Notice to Contractors, the completed Acknowledgement of Bid Amendments & Submission of Bid Bond Validation Number form, the completed Schedule of Items, 2 copies of the completed Agreement, Offer, & Award form, a Bid Bond or Bid Guarantee, and any other Certifications or Bid Requirements listed in the Bid Book.
- 4. Have you included prices for all Bid Items? ("Zero is not considered a bid price.")
- 5. Have you included a bid guarantee? Acceptable forms are:
  - A. Bid Bond on the Department's prescribed form for 5% of the Bid Amount. (Or forms that do not contain any significant variations from the Department's forms as solely determined by the Department.)
  - B. Official Bank Check, Cashier's Check, Certified Check, U.S. Postal Money Order or Negotiable Certificate of Deposit in the amount stated in the Notice to Contractors.
- 6. If the written Bid is to be sent, Federal Express overnight delivery is suggested as the package is delivered directly to the DOT Headquarters Building in Augusta. Other means, such as U.S. Postal Services' Express Mail has proven not to be reliable.

### AND FOR FEDERAL AID PROJECTS

7. Have you included your DBE Utilization commitment in the proper amounts and signed the DBE Certification?

If you need further information regarding Bid preparation, call the DOT Contracts Section at (207)624-3410.

For complete specifications regarding bidding requirements, refer to Section 102 of the Maine Department of Transportation, Standard Specifications, Revision December 2002.

# **NOTICE**

The Maine Department of Transportation is attempting to improve the way Bid Amendments/Addendums are handled, and allow for an electronic downloading of bid packages from our website, while continuing to maintain a planholders list.

Prospective bidders, subcontractors or suppliers who wish to download a copy of the bid package and receive a courtesy notification of project specific bid amendments, must provide an email address to Diane Barnes at the MDOT Contracts mailbox at:

MDOT.contracts@maine.gov. Each bid package will require a separate request.

Additionally, interested parties will be responsible for reviewing and retrieving the Bid Amendments from our web site, and acknowledging receipt and incorporating those Bid Amendments in their bids using the Acknowledgement of Bid Amendment Form.

The downloading of bid packages from the MDOT website is <u>not</u> the same as providing an electronic bid to the Department. Electronic bids must be submitted via <a href="http://www.BIDX.com">http://www.BIDX.com</a>. For information on electronic bidding contract Rebecca Pooler at <a href="maine.gov">rebecca.pooler@maine.gov</a>.

# **NOTICE**

For security and other reasons, all Bid Packages which are mailed, shall be provided in double (one envelope inside the other) envelopes. The *Inner Envelope* shall have the following information provided on it:

Bid Enclosed - Do Not Open

PIN:

Town:

Date of Bid Opening:

Name of Contractor with mailing address and telephone number:

In Addition to the usual address information, the *Outer Envelope* should have written or typed on it:

Double Envelope: Bid Enclosed

PIN:

Town:

Date of Bid Opening:

Name of Contractor:

This should not be much of a change for those of you who use Federal Express or similar services.

Hand-carried Bids may be in one envelope as before, and should be marked with the following infrormation:

Bid Enclosed: Do Not Open

PIN:

Town:

Name of Contractor:

### STATE OF MAINE DEPARTMENT OF TRANSPORTATION

Bid Guaranty-Bid Bond Form

| KNOW ALL MEN BY THESE PRESEN                  | NTS THAT              |  |
|---|-----------------------|--|
| , of the                                      | : City/Town of        | and State of                           |
| as Principal, and                             |                       | as Surety, a                           |
| Corporation duly organized under the laws     | of the State of       | and having a usual place of            |
| Business in                                   | and hereby held       | and firmly bound unto the Treasurer of |
| the State of Maine in the sum of              | ,for p                | ayment which Principal and Surety bind |
| themselves, their heirs, executers, administ  |                       |  |
| The condition of this obligation is that the  | Principal has submi   | itted to the Maine Department of       |
| Transportation, hereafter Department, a cer   | rtain bid, attached h | nereto and incorporated as a           |
| part herein, to enter into a written contract | for the construction  | ı of                                   |
|   |                       |  |
|   | and if the            | he Department shall accept said bid    |
| and the Principal shall execute and deliver   | a contract in the for | rm attached hereto (properly           |
| completed in accordance with said bid) and    | l shall furnish bond  | s for this faithful performance of     |
| said contract, and for the payment of all pe  | rsons performing la   | ubor or furnishing material in         |
| connection therewith, and shall in all other  | respects perform th   | ne agreement created by the            |
| acceptance of said bid, then this obligation  | shall be null and ve  | oid; otherwise it shall remain in full |
| force, and effect.                            |                       |  |
| Signed  | and sealed this       | day of20                               |
| WITNESS:                                      |                       | PRINCIPAL:                             |
|   |                       | By                                     |
|   |                       | By:                                    |
|   |                       | By:                                    |
| WITNESS                                       |                       | SURETY:<br>By                          |
|   |                       | Ву:                                    |
|   | _                     | Name of Local Agency:                  |

# **NOTICE**

### Bidders:

Please use the attached "Request for Information" form when faxing questions and comments concerning specific Contracts that have been Advertised for Bid. Include additional numbered pages as required.

### State of Maine Department of Transportation

# REQUEST FOR INFORMATION

| Date _                 |      | Time                            |  |
|------------------------|------|---------------------------------|--|
| Information Requested: | PIN: |                                 |  |
|                        |      |                                 |  |
|                        |      |                                 |  |
|                        |      |                                 |  |
|                        |      |                                 |  |
|                        |      |                                 |  |
|                        |      |                                 |  |
|                        |      | Phone: ()                       |  |
|                        |      | the number listed in the Notice |  |
|                        |      |                                 |  |
| Response:              |      |                                 |  |
|                        |      |                                 |  |
|                        |      |                                 |  |
|                        |      |                                 |  |
|                        |      |                                 |  |
|                        |      |                                 |  |
|                        |      |                                 |  |
| Response By:           |      | Date:                           |  |

### STATE OF MAINE DEPARTMENT OF TRANSPORTATION NOTICE TO CONTRACTORS

Sealed Bids addressed to the Maine Department of Transportation, Augusta, Maine 04333 and endorsed on the wrapper "Bid for Plant Mixed Recycled Asphalt with Foamed Asphalt (stockpiled) in the of town of Plymouth" will be received from contractors at the Reception Desk, Maine DOT Building, Child Street, Augusta, Maine, until 11 00 o'clock A M (prevailing time) on May 19, 2004, and at that time and place publicly opened and read MDOT provides the option of electronic bidding. We accept electronic bids for those bid packages posted on the bidx com website. Electronic bids do not have to be accompanied by paper bids. Please note the Department will accept a facsimile of the bid bond; however, the original bid bond must then be received at the MDOT Contract Section within 72 hours of the bid opening. Until further notice, dual bids (one paper, one electronic) will be accepted, with the paper copy taking precedence

Description Maine Federal Aid Project No 012247 00, PIN 12247 00

Location In Penobscot County, the stockpile is located at the Maintenance lot on Route 7 in Plymouth

Outline of Work Process an existing stockpile of Recycled Asphalt Pavement with Foamed Asphalt Approx 12,000 cubic yards

For general information regarding Bidding and Contracting procedures, contact Scott Bickford at (207)624-3410 Our webpage at <a href="http://www.state.me.us/mdot/project/design/homepg.htm">http://www.state.me.us/mdot/project/design/homepg.htm</a> contains a copy of the schedule of items, Plan Holders List, written portions of bid amendments (not drawings), and bid results. For Project-specific information fax all questions to James Andrews at (207)624-3401. Questions received after 12 00 noon of Monday prior to bid date will not be answered Bidders shall not contact any other Departmental staff for clarification of Contract provisions, and the Department will not be responsible for any interpretations so obtained Hearing impaired persons may call the Telecommunication Device for the Deaf at (207)287-3392.

Specifications and bid forms may be seen at the Maine DOT Building in Augusta, Maine They may be purchased from the Department between the hours of 8 00 a m to 4 30 p m by cash, credit card (Visa/Mastercard) or check payable to Treasurer, State of Maine sent to Maine Department of Transportation, <u>Attn. Mailroom</u>, 16 State House Station, Augusta, Maine 04333-0016 They also may be purchased by telephone at (207)624-3536 between the hours of 8 00 a m to 4 30 p m Bid Book \$10 (\$13 by mail), Single Sheets \$2, payment in advance, all non-refundable

Each Bid must be made upon blank forms provided by the Department and must be accompanied by a bid bond at 5% of the bid amount or an official bank check, cashier's check, certified check, certificate of deposit, or United States postal money order in the amount of \$750 payable to Treasurer, State of Maine as a Bid guarantee A Contract Performance Surety Bond and a Contract Payment Surety Bond, each in the amount of 100 percent of the Contract price, will be required of the successful Bidder

This Contract is subject to all applicable Federal Laws This contract is subject to compliance with the Disadvantaged Business Enterprise program requirements as set forth by the Maine Department of Transportation

All work shall be governed by "State of Maine, Department of Transportation, Standard Specifications, Revision of December 2002", price \$10 [\$13 by mail], and Standard Details, Revision of December 2002, price \$20 [\$25 by mail] Standard Detail updates can be found at <a href="http://www.state.me.us/mdot/project/design/homepg.htm">http://www.state.me.us/mdot/project/design/homepg.htm</a>

DORITY No 2093

MANUAL MA

The right is hereby reserved to the MDOT to reject any or all Bids

Augusta, Maine May 5, 2004

JOHN E DORITY CHIEF ENGINEER

Plymouth 12247.00 March 17, 2004 Supercedes October 29, 2003

# SPECIAL PROVISION 102.7.3 ACKNOWLEDGMENT OF BID AMENDMENTS & SUBMISSION OF BID BOND VALIDATION NUMBER (IF APPLICABLE)

With this form, the Bidder acknowledges its responsibility to check for all Amendments to the Bid Package. For each Project under Advertisement, Amendments are located at <a href="http://www.maine.gov/mdot/comprehensive-list-projects/project-information.php">http://www.maine.gov/mdot/comprehensive-list-projects/project-information.php</a> It is the responsibility of the Bidder to determine if there are Amendments to the Project, to download them, to incorporate them into their Bid Package, and to reference the Amendment number and the date on the form below. The Maine DOT will not post Bid Amendments any later than noon the day before Bid opening without individually notifying all the planholders.

| Amendment Number | Date |
|------------------|------|
|                  |      |
|                  |      |
|                  |      |
|                  |      |
|                  |      |
|                  |      |
|                  |      |
|                  |      |
|                  |      |
|                  |      |

The Contractor, for itself, its successors and assigns, hereby acknowledges that it has received all of the above referenced Amendments to the Bid Package.

|      | CONTRACTOR                             |
|------|--|
| Date | Signature of authorized representative |
|      | (Name and Title Printed)               |

### MAINE DEPARTMENT OF TRANSPORTATION

BID

DATE OF OPENING : CALL ORDER :

CONTRACT ID : 012247.00

PROJECTS

\_\_\_\_\_

012247.00

COUNTY : PENOBSCOT

MAINE DEPARTMENT OF TRANSPORTATION PAGE: 1
DATE: 040429
SCHEDULE OF ITEMS REVISED:

| CONTRACT | ID: | 012247.00 | PROJECT(S): | 012247.00 |
|----------|-----|-----------|-------------|-----------|
|----------|-----|-----------|-------------|-----------|

| CONTR  | ACTOR :   |                           |           |                |                |                |      |
|--------|---|---------------------------|-----------|----------------|----------------|----------------|------|
| LINE   | ITEM DESCRIPTION  | •                         | UNIT      | PRICE          | BID AM         | BID AMOUNT     |      |
| NO     | DESCRIPTION<br> <br>  | QUANTITY  <br>  AND UNITS |           | DOLLARS        | S   CTS        | DOLLARS        | CTS  |
| SECTI( | ON 0001 HIGHWAY ITEMS   |                           |           |                |                |                |      |
| 0010   | 310.15 PLANT MIXED<br> RECYCLED ASPHALT<br> PAVEMENT WITH FOAMED<br> ASPHALT (STOCKPILED) | <br> <br> CY<br>          | 12000.000 | <br> <br> <br> | <br> <br> <br> | <br> <br> <br> |      |
| 0020   | 659.10 MOBILIZATION<br> <br>  | <br> LU                   | MP        | <br> LUMP<br>  | <br> <br>      |                |      |
|        | <br>  SECTION 0001 TOTAL  |                           |           | <br>           |                |                | <br> |
|        | <br>  TOTAL BID   |                           |           | <br> <br>      |                |                |      |

### CONTRACT AGREEMENT, OFFER & AWARD

AGREEMENT made on the date last signed below, by and between the State of Maine, acting through and by its Department of Transportation (Department), an agency of state government with its principal administrative offices located at Child Street, Augusta, Maine, with a mailing address at 16 State House Station, Augusta, Maine 04333-0016, and

| a corporation or other legal entity org | ganized under | the laws | of the | State o | f Maine, | with its |
|---|---------------|----------|--------|---------|----------|----------|
| principal place of business located at  |               |          |        |         |          |          |

The Department and the Contractor, in consideration of the mutual promises set forth in this Agreement (the "Contract"), hereby agree as follows:

#### A. The Work.

The Contractor agrees to complete all Work as specified or indicated in the Contract including Extra Work in conformity with the Contract, PIN No. 012247.00, for the Plant Mixed Recycled Asphalt with Foamed Asphalt (stockpiled) in the town of Plymouth, County of Penobscot, Maine. The Work includes construction, maintenance during construction, warranty as provided in the Contract, and other incidental work.

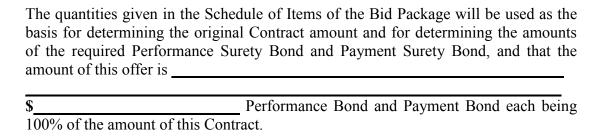
The Contractor shall be responsible for furnishing all supervision, labor, equipment, tools supplies, permanent materials and temporary materials required to perform the Work including construction quality control including inspection, testing and documentation, all required documentation at the conclusion of the project, warranting its work and performing all other work indicated in the Contract.

The Department shall have the right to alter the nature and extent of the Work as provided in the Contract; payment to be made as provided in the same.

### B. Time.

The Contractor agrees to complete all Work, except warranty work, on or before **June 25, 2004.** Further, the Department may deduct from moneys otherwise due the Contractor, not as a penalty, but as Liquidated Damages in accordance with Sections 107.7 and 107.8 of the State of Maine Department of Transportation Standard Specifications, Revision of December 2002.

### C. Price.



### D. Contract.

This Contract, which may be amended, modified, or supplemented in writing only, consists of the Contract documents as defined in the Plans, Standard Specifications, Revision of December 2002, Standard Details Revision of December 2002 as updated through advertisement, Supplemental Specifications, Special Provisions, Contract Agreement; and Contract Bonds. It is agreed and understood that this Contract will be governed by the documents listed above.

### E. Certifications.

By signing below, the Contractor hereby certifies that to the best of the Contractor's knowledge and belief:

- 1. All of the statements, representations, covenants, and/or certifications required or set forth in the Bid and the Bid Documents, including those in Appendix A to Division 100 of the Standard Specifications Revision of December 2002 (Federal Contract Provisions Supplement), and the Contract are still complete and accurate as of the date of this Agreement.
- 2. The Contractor knows of no legal, contractual, or financial impediment to entering into this Contract.
- 3. The person signing below is legally authorized by the Contractor to sign this Contract on behalf of the Contractor and to legally bind the Contractor to the terms of the Contract.

### F. Offer.

The undersigned, having carefully examined the site of work, the Plans, Standard Specifications Revision of December 2002, Standard Details Revision of December 2002 as updated through advertisement, Supplemental Specifications, Special Provisions, Contract Agreement; and Contract Bonds contained herein for construction of: 012247.00, for the Plant Mixed Recycled Asphalt with Foamed Asphalt (stockpiled) in the town of Plymouth, County of Penobscot, State of Maine, on which bids will be received until the time specified in the "Notice to Contractors" do(es) hereby bid and offer to enter into this contract to supply all the materials, tools, equipment and labor to construct the whole of the Work in strict accordance with the terms and conditions of this Contract at the unit prices in the attached "Schedule of Items".

The Offeror agrees to perform the work required at the price specified above and in accordance with the bids provided in the attached "Schedule of Items" in strict accordance with the terms of this solicitation, and to provide the appropriate insurance and bonds if this offer is accepted by the Government in writing.

### As Offeror also agrees:

First: To do any extra work, not covered by the attached "Schedule of Items", which may be ordered by the Resident, and to accept as full compensation the amount determined upon a "Force Account" basis as provided in the Standard Specifications, Revision of December 2002, and as addressed in the contract documents.

Second: That the bid bond at 5% of the bid amount or the official bank check, cashier's check, certificate of deposit or U. S. Postal Money Order in the amount given in the "Notice to Contractors", payable to the Treasurer of the State of Maine and accompanying this bid, shall be forfeited, as liquidated damages, if in case this bid is accepted, and the undersigned shall fail to abide by the terms and conditions of the offer and fail to furnish satisfactory insurance and Contract bonds under the conditions stipulated in the Specifications within 15 days of notice of intent to award the contract.

Third: To begin the Work on the date specified in the Engineer's "Notice to Commence Work" as stated in Section 107.2 of the Standard Specifications Revision of December 2002 and complete the Work within the time limits given in the Special Provisions of this Contract.

Fourth: The Contractor will be bound to the Disadvantaged Business Enterprise (DBE) Requirements contained in the attached Notice (Additional Instructions to Bidders) and submit a completed Contractor's Disadvantaged Business Enterprise Utilization Plan by 4:30pm on the day of bid opening to the Contracts Engineer.

Fifth: That this offer shall remain open for 30 calendar days after the date of opening of bids.

Sixth: The Bidder hereby certifies, to the best of its knowledge and belief that: the Bidder has not, either directly or indirectly, entered into any agreement, participated in any collusion, or otherwise taken any action in restraint of competitive bidding in connection with its bid, and its subsequent contract with the Department.

IN WITNESS WHEREOF, the Contractor, for itself, its successors and assigns, hereby execute two duplicate originals of this Agreement and thereby binds itself to all covenants, terms, and obligations contained in the Contract Documents.

|    |   | CONTRACTOR  |  |  |  |
|----|---|---|--|--|--|
|    | Date<br>Representative                                      | (Signature of Legally Authorized of the Contractor) |  |  |  |
|    | Witness   | (Name and Title Printed)                            |  |  |  |
| G. | Award.  |   |  |  |  |
|    | Your offer is hereby accepted. documents referenced herein. | This award consummates the Contract, and the        |  |  |  |
|    |   | MAINE DEPARTMENT OF TRANSPORTATION                  |  |  |  |
|    | Date  | By: David A. Cole, Commissioner                     |  |  |  |
|    | Witness   |   |  |  |  |

### CONTRACT AGREEMENT, OFFER & AWARD

AGREEMENT made on the date last signed below, by and between the State of Maine, acting through and by its Department of Transportation (Department), an agency of state government with its principal administrative offices located at Child Street, Augusta, Maine, with a mailing address at 16 State House Station, Augusta, Maine 04333-0016, and

| a corporation or other legal entity org | ganized under | the laws | of the | State o | f Maine, | with its |
|---|---------------|----------|--------|---------|----------|----------|
| principal place of business located at  |               |          |        |         |          |          |

The Department and the Contractor, in consideration of the mutual promises set forth in this Agreement (the "Contract"), hereby agree as follows:

#### A. The Work.

The Contractor agrees to complete all Work as specified or indicated in the Contract including Extra Work in conformity with the Contract, PIN No. 012247.00, for the Plant Mixed Recycled Asphalt with Foamed Asphalt (stockpiled) in the town of Plymouth, County of Penobscot, Maine. The Work includes construction, maintenance during construction, warranty as provided in the Contract, and other incidental work.

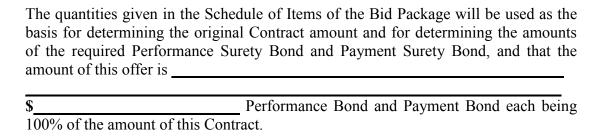
The Contractor shall be responsible for furnishing all supervision, labor, equipment, tools supplies, permanent materials and temporary materials required to perform the Work including construction quality control including inspection, testing and documentation, all required documentation at the conclusion of the project, warranting its work and performing all other work indicated in the Contract.

The Department shall have the right to alter the nature and extent of the Work as provided in the Contract; payment to be made as provided in the same.

### B. Time.

The Contractor agrees to complete all Work, except warranty work, on or before **June 25, 2004.** Further, the Department may deduct from moneys otherwise due the Contractor, not as a penalty, but as Liquidated Damages in accordance with Sections 107.7 and 107.8 of the State of Maine Department of Transportation Standard Specifications, Revision of December 2002.

### C. Price.



### D. Contract.

This Contract, which may be amended, modified, or supplemented in writing only, consists of the Contract documents as defined in the Plans, Standard Specifications, Revision of December 2002, Standard Details Revision of December 2002 as updated through advertisement, Supplemental Specifications, Special Provisions, Contract Agreement; and Contract Bonds. It is agreed and understood that this Contract will be governed by the documents listed above.

### E. Certifications.

By signing below, the Contractor hereby certifies that to the best of the Contractor's knowledge and belief:

- 1. All of the statements, representations, covenants, and/or certifications required or set forth in the Bid and the Bid Documents, including those in Appendix A to Division 100 of the Standard Specifications Revision of December 2002 (Federal Contract Provisions Supplement), and the Contract are still complete and accurate as of the date of this Agreement.
- 2. The Contractor knows of no legal, contractual, or financial impediment to entering into this Contract.
- 3. The person signing below is legally authorized by the Contractor to sign this Contract on behalf of the Contractor and to legally bind the Contractor to the terms of the Contract.

### F. Offer.

The undersigned, having carefully examined the site of work, the Plans, Standard Specifications Revision of December 2002, Standard Details Revision of December 2002 as updated through advertisement, Supplemental Specifications, Special Provisions, Contract Agreement; and Contract Bonds contained herein for construction of: 012247.00, for the Plant Mixed Recycled Asphalt with Foamed Asphalt (stockpiled) in the town of Plymouth, County of Penobscot, State of Maine, on which bids will be received until the time specified in the "Notice to Contractors" do(es) hereby bid and offer to enter into this contract to supply all the materials, tools, equipment and labor to construct the whole of the Work in strict accordance with the terms and conditions of this Contract at the unit prices in the attached "Schedule of Items".

The Offeror agrees to perform the work required at the price specified above and in accordance with the bids provided in the attached "Schedule of Items" in strict accordance with the terms of this solicitation, and to provide the appropriate insurance and bonds if this offer is accepted by the Government in writing.

### As Offeror also agrees:

First: To do any extra work, not covered by the attached "Schedule of Items", which may be ordered by the Resident, and to accept as full compensation the amount determined upon a "Force Account" basis as provided in the Standard Specifications, Revision of December 2002, and as addressed in the contract documents.

Second: That the bid bond at 5% of the bid amount or the official bank check, cashier's check, certificate of deposit or U. S. Postal Money Order in the amount given in the "Notice to Contractors", payable to the Treasurer of the State of Maine and accompanying this bid, shall be forfeited, as liquidated damages, if in case this bid is accepted, and the undersigned shall fail to abide by the terms and conditions of the offer and fail to furnish satisfactory insurance and Contract bonds under the conditions stipulated in the Specifications within 15 days of notice of intent to award the contract.

Third: To begin the Work on the date specified in the Engineer's "Notice to Commence Work" as stated in Section 107.2 of the Standard Specifications Revision of December 2002 and complete the Work within the time limits given in the Special Provisions of this Contract.

Fourth: The Contractor will be bound to the Disadvantaged Business Enterprise (DBE) Requirements contained in the attached Notice (Additional Instructions to Bidders) and submit a completed Contractor's Disadvantaged Business Enterprise Utilization Plan by 4:30pm on the day of bid opening to the Contracts Engineer.

Fifth: That this offer shall remain open for 30 calendar days after the date of opening of bids.

Sixth: The Bidder hereby certifies, to the best of its knowledge and belief that: the Bidder has not, either directly or indirectly, entered into any agreement, participated in any collusion, or otherwise taken any action in restraint of competitive bidding in connection with its bid, and its subsequent contract with the Department.

IN WITNESS WHEREOF, the Contractor, for itself, its successors and assigns, hereby execute two duplicate originals of this Agreement and thereby binds itself to all covenants, terms, and obligations contained in the Contract Documents.

|    |   | CONTRACTOR  |  |  |  |
|----|---|---|--|--|--|
|    | Date<br>Representative                                      | (Signature of Legally Authorized of the Contractor) |  |  |  |
|    | Witness   | (Name and Title Printed)                            |  |  |  |
| G. | Award.  |   |  |  |  |
|    | Your offer is hereby accepted. documents referenced herein. | This award consummates the Contract, and the        |  |  |  |
|    |   | MAINE DEPARTMENT OF TRANSPORTATION                  |  |  |  |
|    | Date  | By: David A. Cole, Commissioner                     |  |  |  |
|    | Witness   |   |  |  |  |

### **CONTRACT AGREEMENT, OFFER & AWARD**

| AGR   | EEMENT made on the date last signed below, by and between the State of Maine,             |  |  |  |  |  |
|-------|---|--|--|--|--|--|
| actin | g through and by its Department of Transportation (Department), an agency of state        |  |  |  |  |  |
| gove  | government with its principal administrative offices located at 1705 U.S. Route 202,      |  |  |  |  |  |
| Wint  | hrop, Maine, with a mailing address at 16 State House Station, Augusta, Maine 04333-      |  |  |  |  |  |
|       | , and(Name of the firm bidding the job)   |  |  |  |  |  |
| a cor | poration or other legal entity organized under the laws of the state of Maine, with its   |  |  |  |  |  |
| princ | ipal place of business located at(address of the firm bidding the job)                    |  |  |  |  |  |
| 1     |   |  |  |  |  |  |
|       | Department and the Contractor, in consideration of the mutual proprises set forth in this |  |  |  |  |  |
| Agre  | ement (the "Contract"), hereby agree as follows \ \ \                                     |  |  |  |  |  |
|       |   |  |  |  |  |  |
|       |   |  |  |  |  |  |
| A.    | The Work.   |  |  |  |  |  |
| 1     |   |  |  |  |  |  |
|       | The Contractor agrees to complete all Work as specified or indicated in the Contract      |  |  |  |  |  |
|       | \including Extra Work in conformity with the Contract, PIN No. 1224.00                    |  |  |  |  |  |
|       | , for   |  |  |  |  |  |
|       | the Hot Mix Asphalt Overlay in the  |  |  |  |  |  |
|       | town city of West Eastport, County of   |  |  |  |  |  |
|       | Washington . Maine. The Work includes construction, maintenance during                    |  |  |  |  |  |
|       | construction, wateranty as provided in the Contract, and other incidental work.           |  |  |  |  |  |
|       |   |  |  |  |  |  |
|       | The Contractor shall be responsible for furnishing all supervision, labor, equipment,     |  |  |  |  |  |
|       | tools supplies, permanent materials and temporary materials required to perform the       |  |  |  |  |  |
|       | Work including construction quality control including inspection, testing and             |  |  |  |  |  |
|       | documentation, all required documentation at the conclusion of the project, warranting    |  |  |  |  |  |
|       | its work and performing all other work indicated in the Contract.                         |  |  |  |  |  |
|       | The Department shall have the right to alter the nature and extent of the Work as         |  |  |  |  |  |
|       | provided in the Contract; payment to be made as provided in the same.                     |  |  |  |  |  |
|       |   |  |  |  |  |  |
| В.    | Time.   |  |  |  |  |  |
|       | The Contractor agrees to complete all Work, except warranty work, on or before            |  |  |  |  |  |
|       | November 15, 2003. Further, the Department may deduct from moneys otherwise               |  |  |  |  |  |
|       | due the Contractor, not as a penalty, but as Liquidated Damages in accordance with        |  |  |  |  |  |
|       | Sections 107.7 and 107.8 of the State of Maine Department of Transportation Standard      |  |  |  |  |  |
|       | Specifications, Revision of December 2002.  |  |  |  |  |  |
|       |   |  |  |  |  |  |
|       |   |  |  |  |  |  |

### C. Price.

The quantities given in the Schedule of Items of the Bid Package will be used as the basis for determining the original Contract amount and for determining the amounts of the required Performance Surety Bond and Payment Surety Bond, and that the amount of this offer is \_\_\_\_\_(Place bid here in alphabetical form such as One Hundred and

Two dollars and 10 cents)

\$\_ (repeat bid here in numerical terms, such as \$102.10) \ Performance

Bond and Payment Bond each being 100% of the amount of this Contract.

### D. Contract.

This Contract, which may be amended, modified, or supplemented in writing only, consists of the Contract documents as defined in the Plans, Standard Specifications, Revision of December 2002, Standard Detalls Revision of December 2002, Supplemental Specifications, Special Provisions, Contract Agreement; and Contract Bonds. It is agreed and understood that this Contract will be governed by the documents listed above.

### E. Certifications.

By signing below, the Contractor hereby certifies that to the best of the Contractor's knowledge and belief:

- 1. All of the statements representations, covenants, and/or certifications required or set forth in the Bid and the Bid Documents, including those in Appendix A to Division 100 of the Standard Specifications Revision of December 2002 (Federal Contract Provisions Supplement), and the Contract are still complete and accurate as of the date of this Agreement.
- 2. The Contractor knows of no legal, contractual, or financial impediment to entering into this Contract.
- 3. The person signing below is legally authorized by the Contractor to sign this Contract on behalf of the Contractor and to legally bind the Contractor to the terms of the Contract.

### F. Offer.

The undersigned, having carefully examined the site of work, the Plans, Standard Specifications, Revision of December 2002, Standard Details Revision of December 2002, Supplemental Specifications, Special Provisions, Contract Agreement; and Contract Bonds contained herein for construction of:

### PIN 1234.00 West Eastport, Hot Mix Asphalt Overlay

State of Maine, on which bids will be received until the time specified in the "Notice to Contractors" do(es) hereby bid and offer to enter into this contract to supply all the materials, tools, equipment and labor to construct the whole of the Work in strict accordance with the terms and conditions of this Contract at the unit prices in the attached "Schedule of Items".

The Offeror agrees to perform the work required at the price specified above and in accordance with the bids provided in the attacked "Schedule of Items" in strict accordance with the terms of this solicitation, and to provide the appropriate insurance and bonds if this offer is accepted by the Government in writing.

As Offeror also agrees:

First. To do any extra work, not covered by the attached "Schedule of Items", which may be ordered by the Resident, and to accept as full compensation the amount determined upon a "Force Account" basis as provided in the Standard Specifications, Revision of December 2002, and as addressed in the contract documents.

Second: That the bid band at 5% of the bid amount or the official bank check, cashier's check, certificate of deposit or U. S. Postal Money Order in the amount given in the "Notice to Contractors", payable to the Treasurer of the State of Maine and accompanying this bid, shall be forfeited, as liquidated damages, if in case this bid is accepted, and the undersigned shall fail to abide by the terms and conditions of the offer and fail to furnish satisfactory insurance and Contract bonds under the conditions stipulated in the Specifications within 15 days of notice of intent to award the contract.

Third: To begin the Work on the date specified in the Engineer's "Notice to Commence Work" as stated in Section 107.2 of the Standard Specifications Revision of 2002 and complete the Work within the time limits given in the Special Provisions of this Contract.

Fourth: The Contractor will be bound to the Disadvantaged Business Enterprise (DBE) Requirements contained in the attached Notice (Additional Instructions to Bidders) and submit a completed Contractor's Disadvantaged Business Enterprise Utilization Plan by 4:30pm on the day of bid opening to the Contracts Engineer.

Fifth: That this offer shall remain open for 30 calendar days after the date of opening of bids.

Sixth: The Bidder hereby certifies, to the best of its knowledge and belief that: the Bidder has not, either directly or indirectly, entered into any agreement, participated in any collusion, or otherwise taken any action in restraint of competitive bidding in connection with its bid, and its subsequent contract with the Department.

|  | etor, for itself, its successors and assigns, hereby greement and thereby binds itself to all covenants, ontract Documents               |
|--|--|
| Date  (Witness Sign Here)  Witness  G. Award.  Your offer is hereby accepted. documents referenced herein. | (Sign Here) (Sign Here) (Sign Here) (Sign Here) (Print Name Here) (Name and Title Printed)  This award consummates the Contract, and the |
|  | MAINE DEPARTMENT OF TRANSPORTATION   |
| Date   | By: David A. Cole, Commissioner  |
| (Witness)  |  |

| BOND # |  |
|--------|--|
|--------|--|

### CONTRACT PERFORMANCE BOND

(Surety Company Form)

| KNOW ALL MEN BY THESE PRESENTS  | S: That   |  |  |  |
|---|---|--|--|--|
|   | , as principal,   |  |  |  |
|   | ,   |  |  |  |
|   | vs of the State of and having a   |  |  |  |
| as Surety, are held and firmly bound unto   | the Treasurer of the State of Maine in the sum  |  |  |  |
| of  | and 00/100 Dollars (\$ ),   |  |  |  |
| to be paid said Treasurer of the State of payment well and truly to be made, Prince | Maine or his successors in office, for which sipal and Surety bind themselves, their heirs, and assigns, jointly and severally by these |  |  |  |
| The condition of this obligation is such that                                       | at if the Principal designated as Contractor in   |  |  |  |
| the Contract to construct Project Num   | ber in the Municipality of faithfully performs the Contract, then this  |  |  |  |
| obligation shall be null and void; otherwise  |   |  |  |  |
| The Surety hereby waives notice of any alto of Maine.                               | eration or extension of time made by the State  |  |  |  |
| Signed and sealed this  | . day of, 20  |  |  |  |
| WITNESSES:  | SIGNATURES:   |  |  |  |
|   | CONTRACTOR:   |  |  |  |
| Signature   |   |  |  |  |
| Print Name Legibly  | Print Name LegiblySURETY:   |  |  |  |
| Signature   |   |  |  |  |
| Print Name Legibly  | Print Name Legibly  |  |  |  |
| SURETY ADDRESS:   | NAME OF LOCAL AGENCY: ADDRESS   |  |  |  |
|   |   |  |  |  |
| TELEPHONE   |   |  |  |  |

### CONTRACT PAYMENT BOND

(Surety Company Form)

| KNOW ALL MEN BY THESE PRES   | SENTS: That          |   |
|--|----------------------|---|
| and the  | State of             | , as principa                           |
| and  |                      |   |
| a corporation duly organized under th usual place of business in               |                      |   |
| as Surety, are held and firmly bound   |                      |   |
| and benefit of claimants as  |                      |   |
|  |                      | nd 00/100 Dollars (\$                   |
| for the payment whereof Principal and  |                      |   |
| administrators, successors and assigns   | <del>-</del>         |   |
| The condition of this obligation is su   |                      |   |
| the Contract to construct Project  |                      |   |
|  |                      | aims and demands incurred for a         |
| labor and material, used or required by  |                      | _                                       |
| said Contract, and fully reimburses  | _                    |   |
| obligee may incur in making good any   |                      | 1                                       |
| be null and void; otherwise it shall ren                                       | nain in full force a | and effect.                             |
| A claimant is defined as one having  | g a direct contra    | act with the Principal or with          |
| Subcontractor of the Principal for labouse in the performance of the contract. | or, material or bot  | _                                       |
| Signed and sealed this   | day of               | , 20                                    |
| WITNESS:   | SIGNATU              | TRES:                                   |
|  | CONTRAC              | CTOR:                                   |
| Signature  |                      |   |
| Print Name Legibly   |                      |   |
|  | SURETY:              |   |
| Signature  |                      |   |
| Print Name Legibly   | Print Name           | e Legibly                               |
| SURETY ADDRESS:  | NAME OF              | F LOCAL AGENCY:                         |
|  |                      | S                                       |
| TELEPHONE  |                      | • |

### **General Scope of Work**

This work shall consist of processing the recycled asphalt pavement from an existing Department stockpile located at the Maintenance lot on Route 7 in Plymouth, treating it with foamed asphalt and stockpiling the treated product for later use. Refer to Special Provision, Section 310, Plant Mixed Recycled Asphalt Pavement (Treated with Foamed Asphalt) for processing details.

State of Maine Department of Labor Bureau of Labor Standards Technical Services Division Augusta, Maine 04333-0045 Telephone (207) 624-6445

Wage Determination - In accordance with 26 MRSA §1301 et seq, this is a determination by the Bureau of Labor Standards, of the fair minimum wage rate to be paid laborers and workers employed on the below titled project

Title of Project ----- Processing & Treating Pavement Millings with Foamed Asphalt, PIN 12247 00

Location of Project -- Plymouth, Maine in Penobscot County

### 2004 Fair Minimum Wage Rates Highway & Earthwork Penobscot County

|                           | Mınımum     | Mınımum        |              |                            | Mınımum     | Mınımum        |         |
|---------------------------|-------------|----------------|--------------|----------------------------|-------------|----------------|---------|
| Occupation Title          | <u>Wage</u> | <u>Benefit</u> | <u>Total</u> | Occupation Title           | <u>Wage</u> | <u>Benefit</u> | Total   |
| Asphalt Raker             | \$12 00     | \$3 55         | \$15 55      | Laborer - Skilled          | \$10 16     | \$1 49         | \$11 65 |
| Backhoe Loader Operator   | \$13 00     | \$2 26         | \$15 26      | Loader Op, Front-End       | \$16 11     | \$3 66         | \$19 77 |
| Bulldozer Operator        | \$15 21     | \$3 12         | \$18 33      | Mechanic - Maintenance     | \$16 11     | \$4 87         | \$20 98 |
| Cement Mason/Finisher     | \$15 96     | \$2 37         | \$18 33      | Paver, Bituminous          | \$12 98     | \$0 73         | \$13 71 |
| Crusher Plant Operator    | \$14 26     | \$6 40         | \$20 66      | Pıpelayer                  | \$11 63     | \$1 01         | \$12 64 |
| Driller, Rock             | \$13 24     | \$2 60         | \$15 84      | Roller Operator, Earth     | \$12 30     | \$4 37         | \$16 67 |
| Electrician               | \$19 00     | \$3 65         | \$22 65      | Roller Operator, Pavement  | \$16 11     | \$6 40         | \$22 51 |
| Excavator Operator        | \$14 00     | \$0 96         | \$14 96      | Screed Operator            | \$15 10     | \$6 78         | \$21 88 |
| Flagger                   | \$9 84      | \$0 44         | \$10 28      | Truck Driver, Light        | \$10 00     | \$2 60         | \$12 60 |
| Grader/Scraper Operator   | \$16 11     | \$0 80         | \$16 91      | Truck Driver, Medium       | \$10 00     | \$0 15         | \$10 15 |
| Hgway Wrkr/Guardrail Inst | \$12 00     | \$3 02         | \$15 02      | Truck Driver, Heavy        | \$10 35     | \$0 50         | \$10 85 |
| Hot Top Plant Operator    | \$15 68     | \$6 40         | \$22 08      | Truck Driver, Tractor Trlr | \$11 98     | \$3 16         | \$15 14 |
| Laborers/Helper/Tender    | \$9 80      | \$1 38         | \$11 18      | Truck Driver, Mixer, Cemnt | \$10 50     | \$3 75         | \$14 25 |

The Laborer classifications include a wide range of work duties Therefore, if any specific occupation to be employed on this project is not listed in this determination, call the Bureau of Labor Standards at the above number for further clarification

Welders are classified in the trade to which the welding is incidental

Apprentices - The minimum wage rate for registered apprentices are those set forth in the standards and policies of the Maine State Apprenticeship and Training Council for approved apprenticeship programs

Posting of Schedule - Posting of this schedule is required in accordance with 26 MRSA §1301 et seq , by any contractor holding a State contract for construction valued at \$50,000 or more and any subcontractors to such a contractor

Appeal - Any person affected by the determination of these rates may appeal to the Commissioner of Labor by filing a written notice with the Commissioner stating the specific grounds of the objection within ten (10) days from the filing of these rates with the Secretary of State

Determination No HI-039-2004

Filing Date (Lord 28, 2004)

Expiration Date 12-31-2004

Attest William A Peabook

A true copy

Director

Bureau of Laber Standards

BLS 424HI (R2004) (Highway & Earthwork Penobscot)

### SPECIAL PROVISION CONSTRUCTION AREA

### Title 29A, M.R.S.A., Subsection 2383. Overlimit movement permits

- 1. Overlimit movement permits issued by State. The Secretary of State, acting under guidelines and advice of the Commissioner of Transportation, may gant permits to move non-divisible objects having a length, width, height or weight greater than specified in this Title over a way or bridge maintained by the Department of Transportation.
- 2. Permit Fee. The Secretary of State, with the advice of the Commissioner of Transportation, may set the fee for these permits, at not less than \$3, nor more than \$15, based on weight, height, length and width.
- 3. County and municipal permits. A permit may be granted, for a reasonable fee, by county commissioners or municipal officers for travel over a way or bridge maintained by that county or municipality.
- 4. Permits for weight. A vehicle granted a permit for excess weight must first be registered for the maximum gross vehicle weight allowed for that vehicle.
- 5. Special mobile equipment. The Secretary of State may grant a permit, for no more than one year, to move pneumatic-tire equipment under its own power, including Class A and Class B special mobile equipment, over ways and bridges maintained by the Department of Transportation. The fee for that permit is \$15 for each 30-day period.
- 6. Scope of permit. A permit is limited to the particular vehicle or object to be moved and particular ways and bridges.
- 7. Construction permits. A permit for a stated period of time may be issued for loads and equipment employed on public way construction projects, United States Government projects or construction of private ways, when within construction areas established by the Department of Transportation. The Permit:
  - A. Must be procured from the municipal officers for a construction area within that municipality;
  - B. May require the Contractor to be responsible for damage to ways used in the construction areas and ma provide for:
    - (1) Withholding by the agency contraction the work of final payment under contract; or
    - (2) The furnishing of a bond by the Contractor to guarantee suitable repair or payment damages.
  - C. May be granted by the Department of Transportation or by the state engineer in charge of the construction contract; and
  - D. For construction areas, carries no fee and does not come within the scope of this section.
- 8. Gross vehicle weight permits. The following may grant permits to operate a vehicle having a gross vehicle weight exceeding the prescribed limit:

- A. The Secretary of State, with the consent of the Department of Transportation, for state and state aid highways and bridges within city or compact village limits;
- B. Municipal officers, for all other ways and bridges within that city and compact village limits; and
- C. The county commissioners, for county roads and bridges located in unorganized territory.
- 9. Pilot vehicles and state police escorts. Pilot vehicles required by a permit must be equipped with warning lights and signs as required by the Secretary of State with the advice of the Department of Transportation.

Warning lights may only be operated and lettering on the signs may only be visible on a pilot vehicle while it is escorting on a public way a vehicle with a permit.

The Secretary of State shall require a State Police escort for a single vehicle or a combination of vehicles of 125 feet or more in length or 16 feet or more in width. The Secretary of State, with the advice of the Commissioner of Transportation, may require vehicles of lesser dimensions to be escorted by the State Police.

The Bureau of State Police shall establish a fee for State Police escorts.

All fees collected must be used to defray the cost of services provided.

With the advice of the Commissioner of Transportation and the Chief of the State Police, the Secretary of State shall establish rules for the operation for the operation of pilot vehicles.

10. Taxes paid. A permit for a mobile home may not be granted unless the applicant provides reasonable assurance that all property taxes, sewage disposal charges and drain and sewer assessments applicable to the mobile home, including those for the current tax year, have been paid or that the mobile home is exempt from those taxes.

1993, c. 683, § S-2, eff. January 1, 1995.

#### **Historical and Statutory Notes**

### Derivation:

Laws 1977, c. 73, § 5. Laws 1981, c. 413. R.S. 1954, c. 22 § 98 Laws 1985, c. 225, § 1 Laws 1955, c. 389 Laws 1987. c. 52. Laws 1967, c. 3. Laws 1987, 781, § 3. Laws 1971, c. 593, § 22. Laws 1989, c. 866, § B-13. Laws 1973, c. 213. Laws 1991, c. 388, § 8. Laws 1975, c. 130, § Laws 1993, c. 683, § A-1. Laws 1975, c. 319, § 2 Former 29 M.R.S.A. § 2382.

Cross Reference

Collection by Secretary of State, See 29-A M.R.S.A. § 154.

### SPECIAL PROVISION

(Consolidated Special Provisions)

### SPECIAL PROVISION SECTION 101 CONTRACT INTERPRETATION

### 101.2 Definitions - Closeout Documentation

Replace the sentence "A letter stating the amount..... DBE goals." with "DBE Goal Attainment Verification Form"

# SPECIAL PROVISION SECTION 102 DELIVERY OF BIDS

(Location and Time)

102.7.1 Location and Time Add the following sentence "As a minimum, the Bidder will submit a Bid Package consisting of the Notice to Contractors, the completed Acknowledgement of Bid Amendments & Submission of Bid Bond Validation Number form, the completed Schedule of Items, 2 copies of the completed Agreement, Offer, & Award form, a Bid Bond or Bid Guarantee, and any other Certifications or Bid Requirements listed in the Bid Book."

# SPECIAL PROVISION SECTION 103 AWARD AND CONTRACTING

### 103.3.1 Notice and Information Gathering

Change the first paragraph to read as follows: "After Bid Opening and as a condition for Award of a Contract, the Department may require an Apparent Successful Bidder to demonstrate to the Department's satisfaction that the Bidder is responsible and qualified to perform the Work."

### SPECIAL PROVISION SECTION 105 GENERAL SCOPE OF WORK

Delete the entire Section 105.6 and replace with the following:

105.6.1 Department Provided Services The Department will provide the Contractor with the description and coordinates of vertical and horizontal control points, set by the Department, within the Project Limits, for full construction Projects and other Projects where survey control

is necessary. For Projects of 1,500 feet in length, or less: The Department will provide three points. For Projects between 1,500 and 5,000 feet in length: The Department will provide one set of two points at each end of the Project. For Projects in excess of 5,000 feet in length, the Department will provide one set of two points at each end of the Project, plus one additional set of two points for each mile of Project length. For non-full construction Projects and other Projects where survey control is not necessary, the Department will not set any control points and, therefore, will not provide description and coordinates of any control points. Upon request of the Contractor, the Department will provide the Department's survey data management software and Survey Manual to the Contractor, or its survey Subcontractor, for the exclusive use on the Department's Projects.

105.6.2 Contractor Provided Services Utilizing the survey information and points provided by the Department, described in Subsection 105.6.1, Department Provided Services, the Contractor shall provide all additional survey layout necessary to complete the Work. This may include, but not be limited to, reestablishing all points provided by the Department, establishing additional control points, running axis lines, providing layout and maintenance of all other lines, grades, or points, and survey quality control to ensure conformance with the Contract. The Contractor is also responsible for providing construction centerline, or close reference points, for all Utility Facilities relocations and adjustments as necessary to complete the Work. When the Work is to connect with existing Structures, the Contractor shall verify all dimensions before proceeding with the Work. The Contractor shall employ or retain competent engineering and/or surveying personnel to fulfill these responsibilities.

The Contractor must notify the Department of any errors or inconsistencies regarding the data and layout provided by the Department as provided by Section 104.3.3 - Duty to Notify Department If Ambiguities Discovered.

105.6.2.1 Survey Quality Control The Contractor is responsible for all construction survey quality control. Construction survey quality control is generally defined as, first, performing initial field survey layout of the Work and, second, performing an independent check of the initial layout using independent survey data to assure the accuracy of the initial layout; additional iterations of checks may be required if significant discrepancies are discovered in this process. Construction survey layout quality control also requires written documentation of the layout process such that the process can be followed and repeated, if necessary, by an independent survey crew.

105.6.3 Survey Quality Assurance It is the Department's prerogative to perform construction survey quality assurance. Construction survey quality assurance may, or may not, be performed by the Department. Construction survey quality assurance is generally defined as an independent check of the construction survey quality control. The construction survey quality assurance process may involve physically checking the Contractor's construction survey layout using independent survey data, or may simply involve reviewing the construction survey quality

control written documentation. If the Department elects to physically check the Contractor's survey layout, the Contractor's designated surveyor may be required to be present. The Department will provide a minimum notice of 48 hours to the Contractor, whenever possible, if the Contractor's designated surveyor's presence is required. Any errors discovered through the quality assurance process shall be corrected by the Contractor, at no additional cost to the Department.

105.6.4 Boundary Markers The Contractor shall preserve and protect from damage all monuments or other points that mark the boundaries of the Right-of-Way or abutting parcels that are outside the area that must be disturbed to perform the Work. The Contractor indemnifies and holds harmless the Department from all claims to reestablish the former location of all such monuments or points including claims arising from 14 MRSA § 7554-A. For a related provision, see Section 104.3.11 - Responsibility for Property of Others.

### SPECIAL PROVISION SECTION 106 QUALITY

<u>106.6 Acceptance</u> Add the following to paragraph 1 of A: "This includes Sections 401 - Hot Mix Asphalt, 402 - Pavement Smoothness, and 502 - Structural Concrete - Method A - Air Content."

Add the following to the beginning of paragraph 3 of A: "For pay factors based on Quality Level Analysis, and"

# SPECIAL PROVISION SECTION 107 TIME

107.3.1 General Add the following: "If a Holiday occurs on a Sunday, the following Monday shall be considered a Holiday. Sunday or Holiday work must be approved by the Department, except that the Contractor may work on Martin Luther King Day, President's Day, Patriot's Day, the Friday after Thanksgiving, and Columbus Day without the Department's approval."

# SPECIAL PROVISION SECTION 108 PAYMENT

<u>108.4 Payment for Materials Obtained and Stored</u> First paragraph, second sentence, delete the words "...Delivered on or near the Work site at acceptable storage places."

### SPECIAL PROVISION SECTION 109 CHANGES

- <u>109.1.1 Changes Permitted</u> Add the following to the end of the paragraph: "There will be no adjustment to Contract Time due to an increase or decrease in quantities, compared to those estimated, except as addressed through Contract Modification(s)."
- <u>109.1.2 Substantial Changes to Major Items</u> Add the following to the end of the paragraph: "Contract Time adjustments may be made for substantial changes to Major Items when the change affects the Critical Path, as determined by the Department"
- 109.4.4 Investigation / Adjustment In the third sentence, delete the words "subsections (A) (E)"
- 109.7.2 Basis of Payment Replace with the following: "Equitable Adjustments will be established by mutual Agreement for compensable items listed in Section 109.7.3-Compensable Items, based upon Unit or Lump Sum Prices. If Agreement cannot be reached, the Contractor shall accept payment on a Force Account basis as provided in Section 109.7.5 Force Account Work, as full and complete compensation for all Work relating to the Equitable Adjustment."
- <u>109.7.3 Compensable Items</u> Replace with the following: "The Contractor is entitled to compensation for the following items, with respect to agreed upon Unit or Lump Sum Prices:
  - 1. Labor expenses for non-salaried Workers and salaried foremen.
  - 2. Costs for Materials.
  - 3. A markup on the totals of Items 1 and 2 of this subsection 109.7.3 for home office overhead and profit of the Contractor, its Subcontractors and suppliers, and any lower tier Subcontractors or suppliers, with no mark-ups on mark-ups.
  - 4. Cost for Equipment, based on Blue Book Rates or leased rates, as set forth in Section 109.7.5(C), or the Contractor's Actual Costs.
  - 5. Costs for extended job-site overhead.
  - 6. Time.
  - 7. Subcontractor quoted Work, as set forth below in Section 109.7.5 (F)."

### 109.7.5 Force Account Work

### C. Equipment

Paragraph 2, delete sentence 1 which starts; "Equipment leased...."

Paragraph 6, change sentence 2 from "The Contractor may furnish..." to read "If requested by the Department, the Contractor will produce cost data to assist the Department in the establishment of such rental rate, including all records that are relevant to the Actual Costs including rental Receipts, acquisition costs, financing documents, lease Agreements, and maintenance and operational cost records."

Add the following paragraph; "Equipment leased by the Contractor for Force Account Work and actually used on the Project will be paid for at the actual invoice amount plus 10% markup for administrative costs."

Add the following section;

"<u>F. Subcontractor Quoted Work</u> When accomplishing Force Account Work that utilizes Subcontractor quoted Work, the Contractor will be allowed a maximum markup of 5% for profit and overhead."

### SPECIAL PROVISION SECTION 401 HOT MIX ASPHALT PAVEMENT

401.18 Quality Control Method A & B Make the following change to paragraph a. QCP Administrator; in the final sentence, change "...certified as a Plant Technician or Paving Inspector..." to "...certified as a Quality Assurance Technologist..."

<u>401.201 Method A</u> Under <u>a. Lot Size</u>, add the following; 'Each lot will be divided into a minimum of four sublots for mix properties and five sublots for percent TMD."

# SPECIAL PROVISION SECTION 402 PAVEMENT SMOOTHNESS

Add the following: "Projects to have their pavement smoothness analyzed in accordance with this Specification will be so noted in Special Provision 403 - Bituminous Box."

<u>"402.02 Lot Size</u> Lot size for smoothness will be 1000 lane-meters [3000 lane-feet]. A sublot will consist of 20 lane-meters [50 lane-feet]. Partial lots will be included in the previous lot if less than one-half the size of a normal lot. If greater than one-half the normal lot size, it will be tested as a separate lot."

### SPECIAL PROVISION SECTION 502 STRUCTURAL CONCRETE

502.0502 Quality Assurance Method A - Rejection by Resident Change the first sentence to read: "For an individual sublot with test results failing to meet the criteria in Table #1, or if the calculated pay factor for Air Content is less than 0.80....."

<u>502.0503</u> Quality Assurance Method B - Rejection by Resident Change the first sentence to read: "For material represented by a verification test with <u>test results failing to meet the criteria</u> in Table #1, the Department will....."

502.0505 Resolution of Disputed Acceptance Test Results Combine the second and third sentence to read: "Circumstances may arise, however, where the Department may ....."

# SPECIAL PROVISION SECTION 504 REINFORCING STEEL

504.18 Plates for Fabricated Members Change the second paragraph, first sentence from: "...ASTM A 898/A 898 M..." to "...ASTM A 898/A 898 M or ASTM A 435/A 435 M as applicable and..."

# SPECIAL PROVISION SECTION 535 PRECAST, PRESTRESSED CONCRETE SUPERSTRUCTURE

535.02 Materials Change "Steel Strand for Concrete Reinforcement" to "Steel Strand." Add the following to the beginning of the third paragraph; "Concrete shall be Class P conforming to the requirements in this section. 28 day compressive strength shall be as stated on the plans. Coarse aggregate...."

535.26 Lateral Post-Tensioning Replace the first paragraph; "A final tension..." with "Overstressing strands for setting losses cannot be accomplished for chuck to chuck lengths of 7.6 m [25 ft] and less. In such instances, refer to the Plans for all materials and methods. Otherwise, post-tensioning shall be in accordance with PCI standards and shall provide the anchorage force noted in the Plans. The applied jacking force shall be no less than 100% of the design jacking force."

# SPECIAL PROVISION SECTION 604 MANHOLES, INLETS, AND CATCH BASINS

### 604.02 Materials Add the following:

"Tops and Traps 712.07 Corrugated Metal Units 712.08 Catch Basin and Manhole Steps 712.09"

### SPECIAL PROVISION SECTION 615 LOAM

<u>615.02 Materials</u> Make the following change:

Organic Content Percent by Volume

Humus "5% - 10%", as determined by Ignition Test

# SPECIAL PROVISION SECTION 618 SEEDING

<u>618.01 Description</u> Change the first sentence to read as follows: "This work shall consist of furnishing and applying seed ....." Also remove ",and cellulose fiber mulch" from 618.01(a).

<u>618.03 Rates of Application</u> In 618.03(a), remove the last sentence and replace with the following: "These rates shall apply to Seeding Method 2, 3, and Crown Vetch."

In 618.03(c) "1.8 kg [4 lb]/unit." to "1.95 kg [4 lb]/unit."

618.09 Construction Method In 618.09(a) 1, sentence two, replace "100 mm [4 in]" with "25 mm [1 in] (Method 1 areas) and 50 mm [2 in] (Method 2 areas)"

618.15 Temporary Seeding Change the Pay Unit from Unit to Kg [lb].

### SPECIAL PROVISION SECTION 620 GEOTEXTILES

### 620.03 Placement Section (c)

Title: Replace "Non-woven" in title with "Erosion Control".

First Paragraph: Replace first word "Non-woven" with "Woven monofilament".

Second Paragraph: Replace second word "Non-woven" with "Erosion Control".

### 620.07 Shipment, Storage, Protection and Repair of Fabric Section (a)

Replace the third sentence with the following: "Damaged geotextiles, <u>as identified by the Resident</u>, shall be repaired immediately."

### 620.09 Basis of Payment

Pay Item 620.58: Replace "Non-woven" with "Erosion Control" Pay Item 620.59: Replace "Non-woven" with "Erosion Control"

### SPECIAL PROVISION SECTION 626 HIGHWAY SIGNING

<u>626.034 Concrete Foundations</u> Add to the following to the end of the second paragraph: "Pre-cast and cast-in-place foundations shall be warranteed against leaning and corrosion for two years after the project is completed. If the lean is greater than 2 degrees from normal or the foundation is spalling within the first two years, the Contractor shall replace the foundation at no extra cost."

# SPECIAL PROVISION SECTION 637 DUST CONTROL

637.06 Basis of Payment Add the following after the second sentence of the third paragraph: "Failure by the Contractor to follow Standard Specification or Special Provision - Section 637 and/or the Contractor's own Soil Erosion and Pollution Control Plan concerning Dust Control and/or visible evidence of excessive dust problems, as determined by the Resident, will result in a reduction in payment, computed by reducing the Lump Sum Total by 5% per occurrence per day. The Department's Resident or any other representative of the Department reserves the right to suspend the work at any time and request a meeting to discuss violations and remedies. The Department shall not be held responsible for any delay in the work due to any suspension under this item. Additional penalties may also be assessed in accordance with Special Provision 652 - Work Zone Traffic Control and Standard Specification 656 - Temporary Soil Erosion and Water Pollution Control."

### SPECIAL PROVISION SECTION 639 ENGINEERING FACILITIES

<u>639.04 Field Offices</u> Change the forth to last paragraph from: "The Contractor shall provide a fully functional desktop copier..." to "....desktop copier/scanner..."

## SPECIAL PROVISION SECTION 652 MAINTENANCE OF TRAFFIC

652.8.2 Other Items Replace the last paragraph with the following: "There will be no payment made under any 652 pay items after the expiration of the adjusted total contract time."

## SPECIAL PROVISION SECTION 656 TEMPORARY SOIL EROSION AND WATER POLLUTION CONTROL

656.5.1 If Pay Item 656.75 Provided Replace the second paragraph with the following: "Failure by the Contractor to follow Standard Specification or Special Provision - Section 656 and/or the Contractor's own Soil Erosion and Pollution Control Plan will result in a reduction in payment, computed by reducing the Lump Sum Total by 5% per occurrence per day. The Department's Resident or any other representative of the Department reserves the right to suspend the work at any time and request a meeting to discuss violations and remedies. The Department shall not be held responsible for any delay in the work due to any suspension under this item."

## SPECIAL PROVISION SECTION 703 AGGREGATES

703.06 Aggregate for Base and Subbase Delete the first paragraph: "The material shall have..." and replace with "The material shall have a minimum degradation value of 15 as determined by Washington State DOT Test Method T113, Method of Test for Determination of Degradation Value (March 2002 version), except that the reported degradation value will be the result of testing a single specimen from that portion of a sample that passes the 12.5 mm [½ in] sieve and is retained on the 2.00 mm [No. 10] sieve, minus any reclaimed asphalt pavement used."

703.07 Aggregates for HMA Pavements Delete the forth paragraph: "The composite blend shall have..." and replace with "The composite blend, minus any reclaimed asphalt pavement used, shall have a Micro-Deval value of 18.0 or less as determined by AASHTO TP 58. In the event the material exceeds the Micro Deval limit, a Washington Degradation test shall be performed. The material shall be acceptable if it has a value of 30 or more as determined by Washington State DOT Test Method T 113, Method of Test for Determination of Degradation Value (March 2002 version) except that the reported degradation value will be the result of testing a single composite specimen from that portion of the sample that passes the 12.5mm [1/2 inch] sieve and is retained on the 2.00mm [No 10] sieve, minus any reclaimed asphalt pavement used."

703.22 Underdrain Backfill Material Change the first paragraph from "...for Underdrain Type B..." to "...for Underdrain Type B and C..."

## SPECIAL PROVISION SECTION 709 REINFORCING STEEL AND WELDED STEEL WIRE FABIC

709.03 Steel Strand Change the second paragraph from "...shall be 12mm [½ inch] AASHTO M203M/M203 (ASTM A416/A416M)..." to "...shall be 15.24 mm [0.600 inch] diameter AASHTO M203 (ASTM A416)..."

## SPECIAL PROVISION SECTION 712 MISCELLANEOUS HIGHWAY MATERIALS

Add the following:

<u>"712.07 Tops, and Traps</u> These metal units shall conform to the plan dimensions and to the following specification requirements for the designated materials.

Gray iron castings shall conform to the requirements of AASHTO M105, Class 30, unless otherwise designated.

Carbon steel castings shall conform to the requirements of AASHTO M103/M103M. Grade shall be 450-240 [65-35] unless otherwise designated.

Structural steel shall conform to the requirements of AASHTO M183/M183M or ASTM A283/A283M, Grade B or better. Galvanizing, where specified for these units, shall conform to the requirements of AASHTO M111.

<u>712.08 Corrugated Metal Units</u> The units shall conform to plan dimensions and the metal to AASHTO M36/M36M. Bituminous coating, when specified, shall conform to AASHTO M190 Type A.

<u>712.09 Catch Basin and Manhole Steps</u> Steps for catch basins and for manholes shall conform to ASTM C478M [ASTM C478], Section 13 for either of the following material:

- (a) Aluminum steps-ASTM B221M, [ASTM B211] Alloy 6061-T6 or 6005-T5.
- (b) Reinforced plastic steps Steel reinforcing bar with injection molded plastic coating copolymer polypropylene. Polypropylene shall conform to ASTM D 4101.

<u>712.23 Flashing Lights</u> Flashing Lights shall be power operated or battery operated as specified.

(a) Power operated flashing lights shall consist of housing, adapters, lamps, sockets, reflectors, lens, hoods and other necessary equipment designed to give clearly visible signal indications within an angle of at least 45 degrees and from 3 to 90 m [10 to 300 ft] under all light and atmospheric conditions.

Two circuit flasher controllers with a two-circuit filter capable of providing alternate flashing operations at the rate of not less than 50 nor more than 60 flashes per minute shall be provided.

The lamps shall be 650 lumens, 120 volt traffic signal lamps with sockets constructed to properly focus and hold the lamp firmly in position.

The housing shall have a rotatable sun visor not less than 175 mm [7 in] in length designed to shield the lens.

Reflectors shall be of such design that light from a properly focused lamp will reflect the light rays parallel. Reflectors shall have a maximum diameter at the point of contact with the lens of approximately 200 mm [8 in].

The lens shall consist of a round one-piece convex amber material which, when mounted, shall have a visible diameter of approximately 200 mm [8 in]. They shall distribute light and not diffuse it. The distribution of the light shall be asymmetrical in a downward direction. The light distribution of the lens shall not be uniform, but shall consist of a small high intensity portion with narrow distribution for long distance throw and a larger low intensity portion with wide distribution for short distance throw. Lenses shall be marked to indicate the top and bottom of the lens.

(b) Battery operated flashing lights shall be self- illuminated by an electric lamp behind the lens. These lights shall also be externally illuminated by reflex-reflective elements built into the lens to enable it to be seen by reflex-reflection of the light from the headlights of oncoming traffic. The batteries must be entirely enclosed in a case. A locking device must secure the case. The light shall have a flash rate of not less than 50 nor more than 60 flashes per minute from minus 30 °C [minus 20 °F] to plus 65 °C [plus 150 °F]. The light shall have an on time of not less than 10 percent of the flash cycle. The light beam projected upon a surface perpendicular to the axis of the light beam shall produce a lighted rectangular projection whose minimum horizontal dimension shall be 5 degrees each side of the horizontal axis. The effective intensity shall not have an initial value greater than 15.0 candelas or drop below 4.0 candelas during the first 336 hours of continuous flashing. The illuminated lens shall appear to be uniformly bright over its entire illuminated surface when viewed from any point within an angle of 9 degrees each side of

the vertical axis and 5 degrees each side of the horizontal axis. The lens shall not be less than 175 mm [7 in] in diameter including a reflex-reflector ring of 13 mm [½ in] minimum width around the periphery. The lens shall be yellow in color and have a minimum relative luminous transmittance of 0.440 with a luminance of 2854° Kelvin. The lens shall be one-piece construction. The lens material shall be plastic and meet the luminous transmission requirements of this specification. The case containing the batteries and circuitry shall be constructed of a material capable of withstanding abuse equal to or greater than 1.21 mm thick steel [No. 18 U.S. Standard Gage Steel]. The housing and the lens frame, if of metal shall be properly cleaned, degreased and pretreated to promote adhesion. It shall be given one or more coats of enamel which, when dry shall completely obscure the metal. The enamel coating shall be of such quality that when the coated case is struck a light blow with a sharp tool, the paint will not chip or crack and if scratched with a knife will not powder. The case shall be so constructed and closed as to exclude moisture that would affect the proper operation of light. The case shall have a weep hole to allow the escape of moisture from condensation. Photoelectric controls, if provided, shall keep the light operating whenever the ambient light falls below 215 lx [20] foot candles]. Each light shall be plainly marked as to the manufacturer's name and model number.

If required by the Resident, certification as to conformance to these specifications shall be furnished based on results of tests made by an independent testing laboratory. All lights are subject to random inspection and testing. All necessary random samples shall be provided to the Resident upon request without cost to the Department. All such samples shall be returned to the Contractor upon completion of the tests.

- 712.32 Copper Tubing Copper tubing and fittings shall conform to the requirements of ASTM B88M Type A [ASTM B88, Type K] or better.
- <u>712.33 Non-metallic Pipe, Flexible</u> Non-metallic pipe and pipe fittings shall be acceptable flexible pipe manufactured from virgin polyethylene polymer suitable for transmitting liquids intended for human or animal consumption.
- 712.34 Non-metallic Pipe, Rigid Non-metallic pipe shall be Schedule 40 polyvinylchloride (PVC) that meets the requirement of ASTM D1785. Fittings shall be of the same material.
- <u>712.341 Metallic Pipe</u> Metallic pipe shall be ANSI, Standard B36.10, Schedule 40 steel pipe conforming to the requirements of ASTM A53 Types E or S, Grade B. End plates shall be steel conforming to ASTM A36/A36M.

Both the sleeve and end plates shall be hot dip galvanized. Pipe sleeve splices shall be welded splices with full penetration weld before galvanizing.

712.35 Epoxy Resin Epoxy resin for grouting or sealing shall consist of a mineral filled thixotropic, flexible epoxy resin having a pot life of approximately one hour at 10°C [50°F]. The grout shall be an approved product suitable for cementing steel dowels into the preformed holes of curb inlets and adjacent curbing. The sealant shall be an approved product, light gray in color and suitable for coating the surface.

<u>712.36 Bituminous Curb</u> The asphalt cement for bituminous curb shall be of the grade required for the wearing course, or shall be Viscosity Grade AC-20 meeting the current requirements of Subsection 702.01 Asphalt Cement. The aggregate shall conform to the requirements of Subsection 703.07. The coarse aggregate portion retained on the 2.36 mm [No. 8] sieve may be either crushed rock or crushed gravel.

The mineral constituents of the bituminous mixture shall be sized and graded and combined in a composite blend that will produce a stable durable curbing with an acceptable texture. Bituminous material for curb shall meet the requirements of Section 403 - Hot Bituminous Pavement.

<u>712.37 Precast Concrete Slab</u> Portland cement concrete for precast slabs shall meet the requirements of Section 502 - Structural Concrete, Class A.

The slabs shall be precast to the dimension shown on the plans and cross section and in accordance with the Standard Detail plans for Concrete Sidewalk Slab. The surface shall be finished with a float finish in accordance with Subsection 502.14(c). Lift devices of sufficient strength to hold the slab while suspended from cables shall be cast into the top or back of the slab.

<u>712.38 Stone Slab</u> Stone slabs shall be of granite from an acceptable source, hard, durable, predominantly gray in color, free from seams which impair the structural integrity and be of smooth splitting character. Natural color variations characteristic of the deposit will be permitted. Exposed surfaces shall be free from drill holes or indications of drill holes. The granite slabs in any one section of backslope must be all the same finish.

The granite slabs shall be scabble dressed or sawed to an approximately true plane having no projections or depressions over 13 mm [½ in] under a 600 mm [2 ft] straightedge or over 25 mm [1 in] under a 1200 mm [4 ft] straightedge. The arris at the intersection of the top surface and exposed front face shall be pitched so that the arris line is uniform throughout the length of the installed slabs. The sides shall be square to the exposed face unless the slabs are to be set on a radius or other special condition which requires that the joints be cut to fit, but in any case shall be so finished that when the stones are placed side by side no space more than 20 mm [3/4 in] shall show in the joint for the full exposed height.

Liftpin holes in all sides will be allowed except on the exposed face.

## SPECIAL PROVISION SECTION 717 ROADSIDE IMPROVEMENT MATERIAL

717.05 Mulch Binder. Change the third sentence to read as follows:

"Paper fiber mulch may be used as a binder at the rate of 2.3 kg/unit [5 lb/unit]."

## SPECIAL PROVISION <u>SECTION 107</u> SCHEDULING OF WORK

Replace Section 107.4.2 with the following:

<u>"107.4.2 Schedule of Work Required</u> Within 21 Days of Contract Execution and before beginning any on-site activities, the Contractor shall provide the Department with its Schedule of Work. The Contractor shall plan the Work, including the activity of Subcontractors, vendors, and suppliers, such that all Work will be performed in Substantial Conformity with its Schedule of Work. The Schedule must include sufficient time for the Department to perform its functions as indicated in this Contract, including QA inspection and testing, approval of the Contractor's TCP, SEWPCP and QCP, and review of Working Drawings.

At a minimum, the Schedule of Work shall include a bar chart which shows the major Work activities, milestones, durations, and a timeline. Milestones to be included in the schedule include: (A) start of Work, (B) beginning and ending of planned Work suspensions, (C) Completion of Physical Work, and (D) Completion. If the Contractor Plans to Complete the Work before the specified Completion date, the Schedule shall so indicate.

Any restrictions that affect the Schedule of Work such as paving restrictions or In-Stream Work windows must be charted with the related activities to demonstrate that the Schedule of Work complies with the Contract.

The Department will review the Schedule of Work and provide comments to the Contractor within 20 days of receipt of the schedule. The Contractor will make the requested changes to the schedule and issue the finalized version to the Department."

# SPECIAL PROVISION <u>SECTION 107</u> Time (Contract Time)

- 1. The Contractor will be allowed to commence work any time as long as all applicable paperwork has been submitted by the contractor and approved by the MDOT.
- 2. No construction vehicles will be allowed on processed stockpiles except a bulldozer or other low ground pressure vehicles able to push up stockpile.
- 3. RAP stockpile is located at the Maintenance lot on Route 7 in Plymouth.
- 4. All work shall be completed by June 25, 2004.

# SPECIAL PROVISION <u>SECTION 310</u> PLANT MIXED RECYCLED ASPHALT PAVEMENT (Treated with Foamed Asphalt)

<u>310.01 Description</u> This work shall consist of processing recycled asphalt pavement from an existing Department stockpile, treating it with foamed asphalt and stockpiling the treated product for later use.

#### **MATERIALS**

310.02 Composition of Mixture The mixture shall be composed of recycled asphalt pavement stabilized with foamed asphalt. The recycled asphalt pavement shall be processed by the Contractor so all material will be no larger than 1½ inch and stockpiled so as to minimize segregation. Maximum height of the stockpile shall be 20 feet.

The stockpile shall be free of any materials not generally considered to be asphalt pavement.

A job mix formula shall be furnished by the Department establishing the exact percentage of foamed asphalt (and cement and crusher dust, if needed) to be used in the mixture.

Foamed asphalt, water, and Portland cement shall be added in percentage by weight.

<u>310.021 Asphalt binder</u>. The asphalt binder used in the foamed asphalt process shall be Performance Grade 64-28 meeting the requirements of AASHTO M320.

<u>310.022 Portland Cement</u> The portland cement shall be Type I or II meeting the requirements of AASHTO M85-89.

<u>310.023 Crusher Dust</u>. Crusher dust shall be free from friable or deleterious material, including excessive mica, and shall meet the following gradation requirements:

| Sieve Size | Percent Passing |
|------------|-----------------|
| ½ in       | 100             |
| # 200      | 10 - 15         |

<u>Water</u>. Water shall be clean and free from deleterious concentrations of acids, alkalis, salts or other organic or chemical substances.

#### **EQUIPMENT**

<u>310.03 Mixing Plant</u> The mixing plant shall be of sufficient capacity and coordinated to adequately handle the proposed construction, and shall meet the following requirements:

- A. The plant shall be equipped with two aggregate feed hoppers.
- B. The conveyor belt shall be equipped with a belt scale to measure the quantity of aggregate being introduced into the pugmill, allowing for accurate proportioning of foamed asphalt and cement.
- C. The plant will have a water tank of sufficient capacity to provide water for producing foamed asphalt.
- D. Two microprocessor-controlled systems, complete with 2 independent pumping systems and spray bars, to regulate the application of foamed bitumen stabilizing agent, separate from water (for increasing the moisture content of the recycled material).
- E. The foamed bitumen shall be produced at the spraybar in individual expansion chambers into which both hot bitumen and water are injected under pressure through individual and separate small orifices that promote atomization. The rate of addition of water into hot bitumen shall be kept at a constant (percentage by mass of bitumen) by the same microprocessor. The spraybar shall be fitted with self-cleaning nozzles.
- F. An inspection (or test) nozzle shall be fitted at one end of the spraybar that produces a representative sample of foamed bitumen.
- G. The plant shall be equipped with a cement feed auger so that portland cement may be accurately metered into the material.
- H. The capacity of the twin-shaft pugmill shall be at least 200 tons/hour.
- I. The plant will have an electrical heating system capable of maintaining the temperature of all bitumen flow components above 300 Deg F.

<u>310.031 Asphalt Tanker</u> Only tankers with a capacity exceeding 2500 gallons shall be used to supply the plant. In addition, each tanker shall be equipped with the following:

- A. A thermometer to show the temperature of the contents in the bottom third of the tank.
- B. A rear feed valve, with a minimum internal diameter of 3 in, capable of draining the contents of the tank when fully opened.
- C. Insulation to retain heat.
- D. A calibrated dipstick marked at intervals of no more than 25 gal, for measuring the contents of the tank.

#### MIX DESIGN

The Department will supply a mix design for the foamed asphalt based on test results from analysis of the existing stockpile. The mix design, including the determination of optimum foaming characteristics of the asphalt binder, will be carried out using a Wirtgen WLB10 Foamed Bitumen Laboratory. The Department will provide the following information prior to construction:

- 1. Percent of asphalt to be used.
- 2. Percent of water to be used in the foaming process.

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- 3. Quantity (if any) of crusher dust to be used.
- 4. Percent of lime or cement to be added.
- 5. Optimum moisture content for proper compaction and dispersion of foamed asphalt.
- 6. Optimum temperature of asphalt for proper foaming.

#### CONSTRUCTION REQUIREMENTS

<u>310.04 Mixing</u> The recycled asphalt pavement shall be delivered to the mixer at a temperature of not less than 50°F. Recycled pavement and foamed asphalt and other materials required by the mix design shall be proportioned and the mixing time set to produce a mixture in which uniform distribution of the foamed asphalt is obtained.

The Contractor shall have a person experienced in the operation of the foamed asphalt mixing plant and production of foam-stabilized RAP present during production of the treated material. This person shall supervise the mixing process and work cooperatively with the Department to assure the quality of the final product.

<u>310.05 Stockpiling</u> Following mixing, the treated material shall be stockpiled in a manner that minimizes segregation. Maximum height of the stockpile shall be 10 feet.

310.06 Weather Limitations The plant mixed recycled asphalt pavement shall not be produced under any of the following conditions: (a) when the air temperature in the shade is less than 50°F, or (b) when weather conditions otherwise prevent proper handling or mixing of the material.

<u>310.07 Method of Measurement</u> Plant Mixed Recycled Asphalt Pavement shall be measured by the cubic yard.

<u>310.08 Basis of Payment</u> The accepted quantity of Plant Mixed Recycled Asphalt Pavement will be paid for at the contract unit price per cubic yard which price will be full compensation for furnishing all equipment and labor for processing, mixing and stockpiling and for all incidentals necessary to complete the work.

Pay Item Pay Unit

310.15 Plant Mixed Recycled Asphalt Pavement w/ Foamed Asphalt (stockpiled)

Cubic yard

## SPECIAL PROVISION SECTION 310

#### PLANT MIXED RECYCLED ASPHALT PAVEMENT

(Treated with Foamed Asphalt)

#### Mix Design

The Full Depth Recycled Pavement on this project will be treated with the following material proportions:

| PG 64-28 asphalt binder               | 3.5 % |
|---------------------------------------|-------|
| Water needed to ensure proper foaming | 3 %   |
| Portland cement (Type I or II)        | 1.5 % |
| Crusher Dust                          | 2.0 % |

The optimum moisture content for compaction shall be determined by the Department using samples obtained from the pulverized material prior to addition of the foamed asphalt, by means of AASHTO T 180, Method D.

A contract modification will be executed if percentages change from the requirements above for added asphalt, Portland cement or lime changes by more than 0.10%. Positive and negative price adjustments will be made. The price adjustment will be based upon receipted bills for materials delivered the project site. If a price adjustment is warranted, the contractor will supply the Department with all receipted bills for PG asphalt binder, Portland cement or lime for the entire project. Adjustments in water content exceeding the initial targets shall not be paid for directly, but shall be incidental.

## SPECIAL PROVISION SECTION 656

Temporary Soil Erosion and Water Pollution Control

Standard Specification 656 of the Standard Specifications is deleted and replaced by this Special Provision.

The following information and requirements will constitute the Soil Erosion and Water Pollution Control Plan for this Project. The soil erosion and water pollution control measures associated with this work are as follows:

- 1. All work shall be done in accordance with the latest revision of the Maine Department of Transportation Best Management Practices for Erosion and Sediment Control (a.k.a. Best Management Practices manual or BMP Manual). The "Table of Contents" of the latest version is dated "1/19/00" (available at
  - http://www.state.me.us/mdot/mainhtml/bmp/bmpjan2000.pdf.) Procedures specified shall be according to the BMP Manual unless stated otherwise.
- 2. The on-site person responsible for implementation of this plan, shall be the Contractor's Superintendent or other supervisory employee (the "Environmental Coordinator") with the authority to immediately remedy any deficient controls and shall provide the Resident with their numbers (telephone number, cellular phone and pager numbers, if applicable) where the Environmental Coordinator can be reached 24 hours a day.
- 3. All areas where soil is disturbed shall be permanently mulched on a daily basis and seeded on a weekly basis (if seeded by hand, it shall be done on a daily basis). All previously mulched areas shall be maintained and re-mulched on a daily basis if bare areas develop until an acceptable growth of grass has been obtained.
- 4. All disturbed ditches shall receive erosion control blanket or stone rip rap prior to leaving the site each day.
- 5. If the Work includes the handling or storage of petroleum products or Hazardous Materials including the on site fueling of Equipment, the Resident must be provided with a Spill Prevention Control and Countermeasure Plan (SPCCP) plan. At a minimum, the SPCCP shall include:
  - The name and emergency response numbers (telephone number, cellular phone and pager numbers, if applicable) of the Contractor's representative responsible for spill prevention;
  - General description and location of (1) handling, transfer, storage, and containment facilities of such products or Materials ("activities and facilities") and (2) potential receptors of such products or Materials including oceans, lakes, ponds, rivers, streams, wetlands, and sand and gravel aquifers ("sensitive resources") including the distances between said activities and facilities and said sensitive resources;

## SPECIAL PROVISION SECTION 656

Temporary Soil Erosion and Water Pollution Control

- Description of preventative measures to be used to minimize the possibility of a spill
  including Equipment and/or Materials to be used to prevent discharges including
  absorbent Materials,
- A contingency response plan to be implemented if a spill should occur including a list of emergency phone/pager numbers including the Contractor's representative, MDEP Spill Response, the Resident, and local police and fire authorities. For a related provision, see *Standard Specification*, *Section*, <u>105.2.2 Project Specific Emergency Planning</u>.
- 6. The Environmental Coordinator must inspect and maintain daily all controls for the duration of the project.
- 7. Any costs related to this plan shall be considered incidental to the contract.
- 8. If the Project Resident directs soil disturbance that require temporary erosion and sedimentation control, all permits shall be obtained by the DOT and a full SEWPCP will be required and paid for as Extra Work.

# SPECIAL PROVISION <u>SECTION 659</u> MOBILIZATION

(Bid Limit)

The maximum allowable bid for Item 659.10 Mobilization will not be greater than  $\underline{5\%}$  of the total contract amount.